What is claimed is:

1. An imaging apparatus, comprising:

(a) image pickup means;

(b) first memory means capable of storing an image signal outputted from said image pickup means and condition information representing a condition in which the image signal is picked up by said image pickup means;

(c) second memory means capable of storing the image signal outputted from said image pickup means and the condition information, said second memory means being detachably attached to said apparatus; and

(d) control means for controlling the condition information so as to be transferred between said first memory means and said second memory means.

2. An apparatus according to claim 1, wherein when said second memory means is detached from said apparatus, said control means ~~transfers~~ copies the condition information from said second memory means to said first memory means, and when said second memory means is attached to said apparatus, said control means ~~transfers~~ copies the condition information from said first memory means to said second memory means.

3. An apparatus according to claim 2, wherein the condition information includes white balance control data associated with the image signal.

4. An apparatus according to claim 1, wherein said second memory means includes a magnetic disk.

5. An apparatus according to claim 1, further comprising signal processing means for performing a predetermined processing on the image signal on the basis of the condition information.

6. An apparatus according to claim 5, wherein said second memory means stores an image signal outputted from said signal processing means.

7. An imaging apparatus, comprising:

(a) image pickup means;

(b) first memory means for storing an image signal outputted from said image pickup means;

(c) second memory means capable of storing the image signal outputted from said image pickup means, said second memory means being detachably attached to said apparatus;

(d) signal processing means for performing a processing on the image signal on the basis of condition information representing a condition in which the image signal is picked up by said image pickup means, each of said first and second memory means being capable of further storing the condition information; and

(e) control means for controlling the condition information so as to be transferred between said first memory means and said second memory means;

said control means including switching means for switching an operation of said control means between a plurality of operation modes.

8. An apparatus according to claim 7, wherein when said second memory means is detached from said apparatus, said control means ~~transfers~~ copies the condition information from said second memory means to said first memory means, and when said second memory means is attached to said apparatus, said control means ~~transfers~~ copies the condition information from said first memory means to said second memory means.

9. An image storing and reproducing system, comprising:

(a) image pickup means:

(b) memory means for storing an image signal outputted from said image pickup means, said memory means capable of being attached to and detached from said system; and

(c) information producing means for producing condition information representing a condition in which the image signal is picked up by said image pickup means, on the basis of the image signal stored in said memory means.

10. An apparatus according to claim 9, further comprising signal processing means for performing a

processing on the image signal read out from said memory means on the basis of the condition information.

11. An apparatus according to claim 10, wherein said signal processing means includes holding means for holding the condition information, said signal processing means performing a processing on image signals other than the image signal used to produce the condition information, on the basis of the condition information held by said holding means.

12. An apparatus according to claim 10, wherein said memory means also stores detection data representing a reference signal within the image signal or another signal.

13. An apparatus according to claim 12, wherein said information producing means includes detecting means for detecting the reference signal on the basis of the detection data, said information producing means producing the condition information on the basis of the reference signal detected by said detecting means.

14. An apparatus according to claim 13, wherein said signal processing means includes holding means for holding the condition information, said signal processing means performing a processing on image signals other than the reference signal on the basis of the condition information

held by said holding means.

15. An apparatus according to claim 10, further comprising designating means for designating a reference signal from among image signals stored in said memory means.

16. An apparatus according to claim 15, wherein said information producing means produces the condition information on the basis of the reference signal designated by said designating means.

17. An apparatus according to claim 16, wherein said signal processing means includes holding means for holding the condition information, said signal processing means performing a processing on image signals other than the reference signal on the basis of the condition information held by said holding means.

18. An apparatus according to claim 10, further comprising a displaying means for displaying an image associated with an image signal outputted from said signal processing means.

19. An image storing and reproducing system, comprising:

(a) image pickup means;

(b) memory means for storing an image signal

outputted from said image pickup means and detection data representing a reference signal or another signal, said memory means capable of being attached to and detached from said system;

(c) information producing means for producing condition information representing a condition in which the image signal is picked up by said image pickup means, on the basis of the image signal stored in said memory means;

said information producing means including detecting means for detecting the reference signal on the basis of the detection data, said information producing means producing the condition information on the basis of the reference signal detected by said detecting means; and

(d) signal processing means for performing a processing on an image signal read out from said memory means on the basis of the condition information.

20. An apparatus according to claim 19, wherein said signal processing means includes holing means for holding the condition information, said signal processing means performing a processing on image signals other than the image signal used to produce the condition information, on the basis of the condition information held by said holding means.

21. An image storing and reproducing system,

comprising:

(a) image pickup means;

(b) memory means for storing an image signal outputted from said image pickup means, said memory means capable of being attached to and detached from said system; and

(c) designating means for designating a reference signal from among image signals stored in said memory means;

(d) information producing means for producing condition information representing a condition in which the image signal is picked up by said image pickup means, on the basis of the image signal stored in said memory means,

said information producing means producing the condition information on the basis of the reference signal designated by said designating means; and

(e) signal processing means for performing a processing on an image signal read out from said memory means on the basis of the condition information.

22. An apparatus according to claim 21, wherein said designating means includes selecting means for selecting whether an image signal read out from said memory means is used as the reference signal.

23. An apparatus according to claim 21, wherein said signal processing means includes holding means for holding

the condition information, said signal processing means performing a processing on image signals other than the reference signal on the basis of the condition information held by said holding means.

24. An apparatus according to claim 21, further comprising displaying means for displaying images associated with image signals outputted from said signal processing means, said displaying means capable of displaying a plurality of images in a multiple picture manner.

25. An apparatus according to claim 24, wherein images displayed on said displaying means include at least an image associated with the reference signal.

26. An imaging apparatus, comprising:

(a) image pickup means;

(b) memory means for storing an image signal outputted from said image pickup means, condition information representing a condition in which the image signal is picked up by said image pickup means, and time information representing the time when the image signal is picked up by said image pickup means;

(c) information producing means for newly producing condition information from the condition information stored in said memory means, on the basis of the information representing the time when the image signal is

picked up by said image pickup means: and

(d) signal processing means for performing a processing an image signal read out from said memory means on the basis of the newly produced condition information.

27. An apparatus according to claim 26, wherein the condition information includes white balance control data associated with the image signal.

28. An imaging apparatus, comprising:

(a) image pickup means;

(b) memory means for storing an image signal outputted from said image pickup means, condition information representing a condition in which the image signal is picked up by said image pickup means, and time information representing the time when the image signal is picked up by said image pickup means;

(c) selecting means for selecting the condition information on the basis of the time information ; and

(d) signal processing means for performing a processing on an image signal read out from said memory means on the basis of the condition information selected by said selecting means.

29. An apparatus according to claim 27, wherein the condition information includes white balance control data associated with the image signal.

30. An imaging apparatus, comprising:

(a) image pickup means, said image pickup means including a lens having variable focal length;

(b) signal processing means for performing a processing on an image signal outputted from said image pickup means on the basis of condition information representing a condition in which the image signal is picked up by said image pickup means: and

(c) modification means for modifying the condition information on the basis of the focal length of said lens.

31. An apparatus according to claim 30, further comprising control means for controlling an operation of said modification means on the basis of the condition information.

32. An apparatus according to claim 31, wherein the condition information includes white balance control data associated with the image signal.

33. An imaging apparatus, comprising:

(a) image pickup means, said image pickup means including view angle modification means for modifying an angle of view;

(b) signal processing means for performing a processing on an image signal outputted from said image pickup means on the basis of the condition information representing a condition in which the image signal is

picked up by said image pickup means; and

(c) modification means for modifying the condition information on the basis of the angle of view in said image pickup means.

34. An apparatus according to claim 33, wherein said view angle modification means includes focal length ~~modification~~ means for modifying a focal length of a lens, and magnification modification means for modifying a magnification of an image in said image pickup means.